OSCILENT Corporation **Data Sheet**

telephone
949 252 0522

BACK

Product Category: SMD Oscillators

Series Number	Package	Description	Last Modified
436	2.5 x 2.0 SMD Ceramic	CMOS / TTL Output	Oct. 21 2011

FEATURES

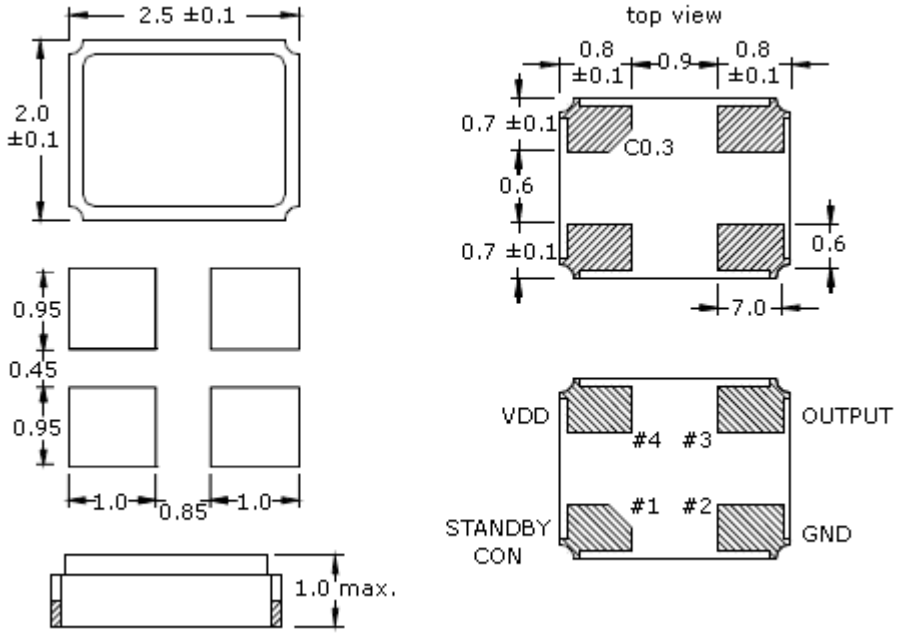
- Ultra Low Jitter 1pS
- Low power consumption
- Tape and Reel
- Miniature profile 2.5 x 2.0 x 1.0
- RoHs / Lead Free compliant



OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	CHARACTERISTICS	UNITS
Frequency Range	1.0 ~ 60.0	MHz
Frequency Stability	± 30, ± 50	ppm
Operating Temperature Range	0 ~ 70	°C
Storage Temperature Range	-40 ~ +85	°C
Supply Voltage	1.8 ~ 5.0	V
Current	15 max.	mA
Output	CMOS/TTL	-
Output Symmetry	45 ~ 55% (VT=1/2VDD)	-
Rise Time/Fall Time	10 max.	ns
Start-Up Time	10 max.	ms

PACKAGE DIMENSIONS



PIN 1	OUTPUT
H/Floating	Enable
L	Standby

PART NUMBER GUIDE

Series Number	Frequency	Voltage Supply Option	Frequency Tolerance & Stability (max.)	Operating Temp. (°C)	Duty Cycle	Pin 1 Connection
436	- 12.0M	- 3	E	C	- T	TS
Oscilent SMD Oscillators	Enter your desired frequency e.g. 12.0M = 12.000MHz	5 = 5VDC 3 = 3.3VDC	D = ±100 ppm E = ±50 ppm F = ±25 ppm G = ±20 ppm	Blank* = 0~+70 C = -10~+70 D = -20~+70 N = -40~+85	Blank*= 50±10% T = -50±5%	NC = No Connnection TS = Tri-State Enable High

NOTE: - Deviations on all parameters available. Please consult Oscilent for details.
DEFINITIONS: - Click on the characteristic names above, for definitions of the particular characteristic.
***STANDARDS:** - "Blank" part number selections, indicate standard variables for the particular characteristic.
PACKAGING: - Add -TR for Tape/Reel. Click here for tape/reel specifications

Series No.: 436

Oscilent Corporation - CALL **1.949.252.0522**
18226 McDurmott Street . Building B . Irvine . CA 92614 . USA
Fax: 1.949.252.0599 . E-Mail: Sales@Oscilent.com